Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021220\
Data File : BN009715.D
Acq On : 12 Feb 2020 16:00
Operator : CG/JU
Sample : SSTD08052
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD08052

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2/13/2020 3:34:46 PM

Quant Time: Feb 12 17:53:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 17:23:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	115065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	474077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	304464	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	660067	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	620100	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	658524	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	86654	32.16	ng/uL	0.00
5) Phenol-d5	6.62	99	785962	85.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	526172	80.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	603465	82.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	620387	82.79	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	296118	86.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	342168	91.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	615372	85.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	692137	86.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1815271	81.25	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	2233431	84.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	353126	92.35	ng/ul	0.00
58) Fluorene-d10	15.07	176	1592834	82.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	354508	95.59	ng/ul	0.00
71) Anthracene-d10	16.92	188	2443026	81.67	ng/ul	0.00
79) Pyrene-d10	19.23	212	2702229	82.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	2730256	82.75	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	95626	30.676	ng/uL	95
4) Benzaldehyde	6.58	77	531038	79.663	ng/ul	94
6) Phenol	6.65	94	832566	82.594	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	649521	80.977	ng/ul	99
10) 2-Chlorophenol	6.99	128	635497	83.301	ng/ul	98
11) 2-Methylphenol	7.87	108	612273	83.395	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.96	45	1546684	77.380	ng/ul	99
14) Acetophenone	8.24	105	996688	82.183	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.24	70	547257	82.231	ng/ul	97
16) 4-Methylphenol	8.20	108	664675	82.683	ng/ul	96
17) Hexachloroethane	8.47	117	281396	81.268	ng/ul	98
20) Nitrobenzene	8.61	77	820676	81.748	ng/ul	94
21) Isophorone	9.13	82	1495117	82.605	ng/ul	98
23) 2-Nitrophenol	9.30	139	363952	86.319	ng/ul	98
24) 2,4-Dimethylphenol	9.38	107	749054	82.334	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	876833	80.865	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	618648	83.008	ng/ul	96
28) Naphthalene	10.22	128	2004629	79.648	ng/ul	99
30) 4-Chloroaniline	10.35	127	709149	86.630	ng/ul	99
31) Hexachlorobutadiene	10.51	225	385773	80.645	ng/ul	95
32) Caprolactam	11.14	113	213183m	90.644	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	707196	82.824	ng/ul	98
34) 2-Methylnaphthalene	11.84	142	1417577	81.024	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	1415235	81.423	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	719868	82.969	ng/ul	93
38) Hexachlorocyclopentadiene	12.20	237	365808	119.169	ng/ul	95
39) 2,4,6-Trichlorophenol	12.47	196	489562	87.070	ng/ul	94
40) 2,4,5-Trichlorophenol	12.55	196	511050	83.843	ng/ul	98
41) 1,1'-Biphenyl	12.88	154	1856629	82.236	ng/ul	98
42) 2-Chloronaphthalene	12.92	162	1456428	80.733	ng/ul	97
43) 2-Nitroaniline	13.15	65	604806	89.244	ng/ul	95
45) Dimethylphthalate	13.54	163	1874502	79.776	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	421571	90.284	ng/ul	95
48) Acenaphthylene	13.78	152	2374905	82.561	ng/ul	99
49) 3-Nitroaniline	13.99	138	369502	88.193	ng/ul	99
50) Acenaphthene	14.12	153	1581607	81.205	ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	255351	118.256	ng/ul	91
53) 4-Nitrophenol	14.32	109	312718	88.491	ng/ul	97
54) Dibenzofuran	14.47	168	2178660	80.988	ng/ul	95
55) 2,4-Dinitrotoluene	14.46	165	601719	86.673	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.70	232	448012	84.642	ng/ul	98
57) Diethylphthalate	14.92	149	1983013	82.955	ng/ul	99
59) Fluorene	15.12	166	1882511	83.289	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	913748	81.412	ng/ul	97
61) 4-Nitroaniline	15.17	138	451780m	87.783	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	382639	94.552	ng/ul#	98
65) N-Nitrosodiphenylamine	15.35	169	1553847	81.452	ng/ul	96
66) 4-Bromophenyl-phenylether	16.02	248	540196	81.471	ng/ul	95
67) Hexachlorobenzene	16.13	284	588589	84.418	ng/ul	93
68) Atrazine	16.32	200	602178	86.072	ng/ul	96
69) Pentachlorophenol	16.48	266	359972	92.881	ng/ul	98
70) Phenanthrene	16.86	178	2994242	81.899	ng/ul	98
72) Anthracene	16.95	178	3075928	82.352	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	767579	83.271	ng/uL	98
74) Pentachlorobenzene	14.39	250	731667	80.355	ng/uL	99
75) Carbazole	17.23	167	2734417	83.175	ng/ul	99
76) Di-n-butylphthalate	17.81	149	3553994	86.059	ng/ul	100
77) Fluoranthene	18.89	202	3503264	82.694	ng/ul	98
80) Pyrene	19.26	202	3661089	83.660	ng/ul	98
81) Butylbenzylphthalate	20.19	149	1642176	90.666	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.96	252	1140006	85.607	ng/ul	91
83) Benzo(a)anthracene	21.02	228	3381756	79.256	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.98	149	2497976	88.281	ng/ul	97
85) Chrysene	21.07	228	3355489	81.384	ng/ul	97
87) Di-n-octyl phthalate	21.83	149	4233899	88.894	ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	3407559	80.009	ng/ul	100
89) Benzo(k)fluoranthene	22.57	252	3260334	80.841	ng/ul	99
91) Benzo(a)pyrene	23.06	252	3153830	82.873	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.23	276	3785793	84.371	ng/ul	96
93) Dibenzo(a,h)anthracene	25.23	278	3187819	82.168	ng/ul	97
94) Benzo(g,h,i)perylene	25.84	276	3153327	83.324	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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